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TRANSMITTAL FORM			Application No.	10/730,855
			Filing Date	December 8, 2003
(to be used for all correspondence after initial filing)		First Named Inventor	Soon-Yong Kweon	
		Art Unit	2811	
			Examiner Name	Vu, Hung K.
Total Number of F	Pages in This Submission	on 10	Attorney Docket Number	51876P422
	ENCLO	SURES (chec	k all that apply)	a a gerrage of the contract
Fee Transmittal	Form	Drawing(s)	)	After Allowance Communication to Group
Fee Attack	ned	Licensing-re	elated Papers	Appeal Communication to Board of Appeals and Interferences
Amendment / Re	esponse	Petition		Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
After Fina Affidavits/	l /declaration(s)	Petition to C Provisional	Convert a Application	Proprietary Information
Extension of Tim	e Request	Power of Al Change of 0	ttorney, Revocation Correspondence Address	Status Letter
Express Abandonment Request		Terminal D	Disclaimer	Other Enclosure(s) (please identify below):
Information Disclosure Statement Request fo		Refund	return postcard; 2 cited references cony of Notice	
PTO/SB/08		CD, Numbe	er of CD(s)	return postcard; 2 cited references copy of Notice of Pullinunary rejection
Certified Copy of Document(s)	!			
Response to Mis Incomplete Appli	sing Parts/ cation Filing Fee	Remarks		
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Response Parts und 1.52 or 1.5	e to Missing er 37 CFR 33			
	SIGNATURI	E OF APPLICAN	NT, ATTORNEY, OR AC	SENT
Firm	Eric S. Hyman,	, Reg. No. 30,	,139	
or Individual name BLAKELY, SOKOLOFF			TAYLOR & ZÁFI	MAN LLP
Signature				
Date 18/01				
CERTIFICATE OF MAILING/TRANSMISSION				
				ice on the date shown below with sufficient 450, Alexandria, VA 22313-1450.
Typed or printed na	ame Kumiko Ale:	xander		
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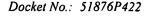
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#### Complete if Known FÉE ARANSMITTAL Application Number 10/730,855 December 8, 2003 Filing Date Soon-Yong Kweon Patent fees are subject to annual revision. First Named Inventor Examiner Name Vu, Hung K. Applicant claims small entity status. See 37 CFR 1.27. 2811 **Art Unit** TOTAL AMOUNT OF PAYMENT (\$) 180.00 Attorney Docket No. 51876P422

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METHO	METHOD OF PAYMENT (check all that apply)					
Check [	☐ Check ☐ Credit card ☐ Money Order ☐ None ☐ Other (please identify):					
Deposit A	Account D	Deposit A	count N	lumber: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & 2	Zafman LLP	
<b>⊠</b> Cha <b>⊠</b> Cha	For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  Charge fee(s) indicated below  Charge any additional fee(s) or underpayment of fee(s)  under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.  Credit any overpayments					
FEE CALCU	LATION					
Large Er	ntity	Small	Entity			
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1051	130	2051	65	Surcharge - late filing fee or oath		
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2053	130	2053	130	Non-English specification		
1251	120	2251	60	Extension for reply within first month		
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1253	1,020	2253	510	Extension for reply within third month		
1254	1,590	2254		Extension for reply within fourth month	· · · · · · · · · · · · · · · · · · ·	
1255	2,160	2255		Extension for reply within fifth month		
1401	500	2401	250	Notice of Appeal		
1402	500	2402	250	Filing a brief in support of an appeal		
1403	1,000	2403		Request for oral hearing		
1451	1,510	2451		Petition to institute a public use proceeding		
1460	130	2460		Petitions to the Commissioner		
1807	50	1807		Processing fee under 37 CFR 1.17(g)		
1806	180	1806		· ''	180.00	
1809	790	1809		Filing a submission after final rejection (37 CFR § 1.129(a))		
1810	790	2810		For each additional invention to be examined (37 CFR § 1.129(b))		
Other f	ee (spe	cifv)				
2	- 3 (560			SUBTOTAL (2) (\$)	180.00	
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SUBMITTED BY Complete (if applicable)					plete (if applicable)		
Name (Print/Type)	Eric S. Hyman		,	Registration No. (Attorney/Agent)	30,139	Telephone	(310) 207-3800
Signature		P90			<u> </u>	Date	7/78/05

Based on PTO/SB/17 (12-04) as modified by Blakely, Solokoff, Taylor & Zafman (with 12/15/2004. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450





# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

SOON-YONG KWEON

Application No.: 10/730,855

Filed: December 8, 2003

For: FERROELECTRIC RANDOM ACCESS

MEMORY CAPACITOR AND METHOD FOR MANUFACTURING THE SAME

Art Group: 2811

Examiner: Vu, Hung K.

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure, enclosed is a copy of Information Disclosure Statement by Applicant (form PTO/SB/08), which is being submitted on or before payment of the Issue Fee. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

08/03/2005 MBERHE 00000025 10730855

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The references were cited in a Search Report dated April 29, 2005 (copy enclosed herewith) in a counterpart Korean application, which was forwarded to Applicant's Representative in a communication dated June 29, 2005.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

The fee set in the amount of \$180.00 for submission of the Information Disclosure Statement is enclosed herewith.

Respectfully submitted,

BLAKELY, SOKODOFF, TAYLOR & ZAFMAN LLP

Eric S. Hyman, Reg. No. 30,139

12400 Wilshire Boulevard, 7th Floor Los Angeles, CA 90025 Telephone: (310) 207-3800

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kumiko Alexander

Date

AUS 0 2 2005

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

	Complete if Known
Application Number	10/730,855
Filing Date	December 8, 2003
First Named Inventor	Soon-Yong Kweon
Art Unit	2811
Examiner Name	Vu, Hung K.
Attorney Docket Number	51876P422

	U.S. PATENT DOCUMENTS					
		Document Number	Publication Date		Pages Columns Lines Where	
Examiner Initials*	Cite No.¹	Number - Kind Code <sup>2</sup> (if known)	or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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	FOREIGN PATENT DOCUMENTS					
Examiner	Cite	Foreign Patent Document			Pages, Columns, Lines,	т°
Initials*	No.¹	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	To
		KR1020030001217 A	01-06-2003	Samsung Electronics Co., Ltd.		
		JP2001-284548	10-12-2001	Fujitsu Ltd		

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Examiner		Date	1
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Signature		Considered	
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 08/11/2003.

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# **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

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(use as many sheets as necessary)

of Sheet

Complete if Known		
Application Number	10/730,855	
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First Named Inventor	Soon-Yong Kweon	
Art Unit	2811	
Examiner Name	Vu, Hung K.	
Attorney Docket Number	51876P422	

	NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		
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Examiner	Date
Signature	Considered

Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 08/11/2003. Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.



# **Information Disclosure Statement**

U.S. Patent Application Serial No. 10/730,855 Your Ref. No.: 051876.P422 Our Ref. No.: P03H8030/US

Issued Date by the Korean Intellectual Property Office: April 29, 2005 Received Date from the Korean Intellectual Property Office: May 2, 2005

Reference No.: KR Laid-Open No. 2003-1217

JP Laid-Open No. 13-284548



### **NOTICE OF PRELIMINARY REJECTION**

APPLICANT(S)

Name Hynix Semiconductor Inc.

Address San 136-1, Ami-ri, Bubal-eub, Ichon-shi

Kyoungki-do 467-860, Republic of Korea

ATTORNEY(S)

Name Address

TITLE

Shinsung International Patent & Law firm 2-3F., Line Bldg., Yeoksam-dong, Kangnam-gu Seoul 135-080, Republic of Korea

APPLICATION No. 2003-43176

FERROELECTRIC CAPACITOR HAVING MERGED TOP ELECTRODE PLATE LINE (MTP) STRUCTURE AND METHOD FOR FABRICATING THE SAME

This application was preliminarily rejected pursuant to Article 63 of the Korean Patent Law based on the following reason. Should there be any opinion against this action, please file a written argument by June 29, 2005. (You can apply for 1-month extension per each case, and we do not notify you of the confirmation for such term extension.)

#### [REASON]

This invention described in claims 1 to 7 can be easily invented by those skilled in the art as pointed out below. Accordingly, the above-identified patent application cannot be registered pursuant to Article 29, Paragraph 2 of the Korean Patent Law.



This invention described in claims 1 to 7 relates to a ferroelectric capacitor including: a capacitor stack formed to have a width wider than that of a storage node contact; and a plate line formed on a top electrode of the capacitor stack and on predetermined portions of a second inter-layer insulation layer to have a width larger than that of the capacitor stack.

The KR Laid-Open No. 2003-1217 disclosed on January 6, 2003 (hereinafter referred as a cited reference 1) reveals a ferroelectric memory device including: a capacitor stack formed to have a width larger than that of a storage node contact; and a plate line formed on a top electrode of the capacitor stack and on predetermined portions of an inter-layer insulation layer to have a width larger than that of the capacitor stack. The JP Laid-Open No. 2001-284548 disclosed on October 12, 2001 (hereinafter referred as a cited reference 2) reveals a semiconductor memory device including: a capacitor stack formed to have a width larger than that of a storage node contact; and a interconnection line formed on a top electrode and on predetermined portions of an inter-layer insulation layer.

Accordingly, it is regarded that the present invention can be easily derivable by those ordinary skilled people from the cited references 1 and 2.

[Attachment] KR Laid-Open No. 2003-1217 JP Laid-Open No. 13-284548

Dated this 29th day of April, 2005

Examination Bureau Examiner, Keun-Mo Kim

KOREAN INTELLECTUAL PROPERTY OFFICE